LA(C)30X1-16

0.3" SINGLE DIGIT DISPLAY
(HP TYPE)

Features

* LOW CURRENT REQUIREMENTS
* EXCELLENT CHARACTER APPERANCE
* HIGH LIGHT OUTPUT
* RELIABLE AND RUGGED
* IC COMPATIBLE

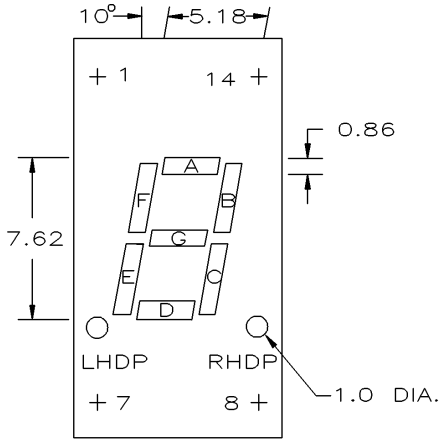
Absolute Maximum Ratings at T_A=25□

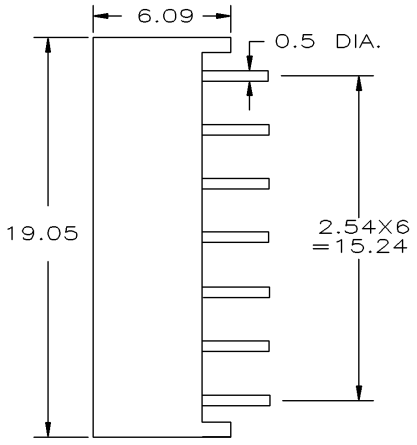
REVERSE VOLTAGE PER LED CHIP (<100μA)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH) PER LED CHIP	100 mA
OPERATING TEMPERATURE RANGE	-25□ TO + 85□
STORAGE TEMPERATURE RANGE	-25□ TO +100□
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE)	260□ FOR 3 SEC.

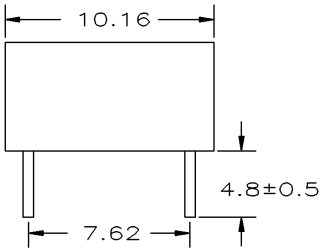
Electrical/optical characteristics at T_A=25□

PART NUMBER		LED CHIP		FACE COLOR		PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	TYP.	MIN.	TYP.
LA3011-16BWRS	LC3011-16BWRS	GaAsP	RED	BLACK	WHITE	655	1.7	2.0	0.3	0.5
LA3051-16BWRS	LC3051-16BWRS	GaP	RED	BLACK	WHITE	700	2.1	3.0	0.5	0.8
LA3021-16BWRS	LC3021-16BWRS	GaP	GREEN	BLACK	WHITE	567	2.1	3.0	1.7	2.9
LA3031-16BWRS	LC3031-16BWRS	GaAsP ON GaP	YELLOW	BLACK	WHITE	585	2.1	3.0	1.4	2.3
LA3041-16BWRS	LC3041-16BWRS	GaAsP ON GaP	ORANGE	BLACK	WHITE	635	2.1	3.0	2.0	3.3
LA3041R-16RRRS	LC3041R-16RRRS	GaAsP ON GaP	ORANGE	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function







LA30X1-16 COMMON ANODE PIN NO. FUNCTION	LC30X1-16 COMMON CATHODE PIN NO. FUNCTION
1.CATHODE A	1.NO PIN
2.CATHODE F	2.COMMON CATHODE
3.COMMON ANODE	3.ANODE F
4.NO PIN	4.ANODE G
5.NO PIN	5.ANODE E
6.CATHODE LHDP	6.ANODE D
7.CATHODE E	7.NO PIN
8.CATHODE D	8.NO PIN
9.CATHODE RHDP	9.COMMON CATHODE
10.CATHODE C	10.ANODE RHDP
11.CATHODE G	11.ANODE C
12.NO PIN	12.ANODE B
13.CATHODE B	13.ANODE A
14.COMMON ANODE	14.NO PIN

1.ALL DIMENSIONS ARE IN mm, TOLERANCE IS ±0.25mm UNLESS OTHERWISE NOTED.
2.THE SLOPE ANGLE OF ANY PIN MAY BE ±5.0° MAX.